

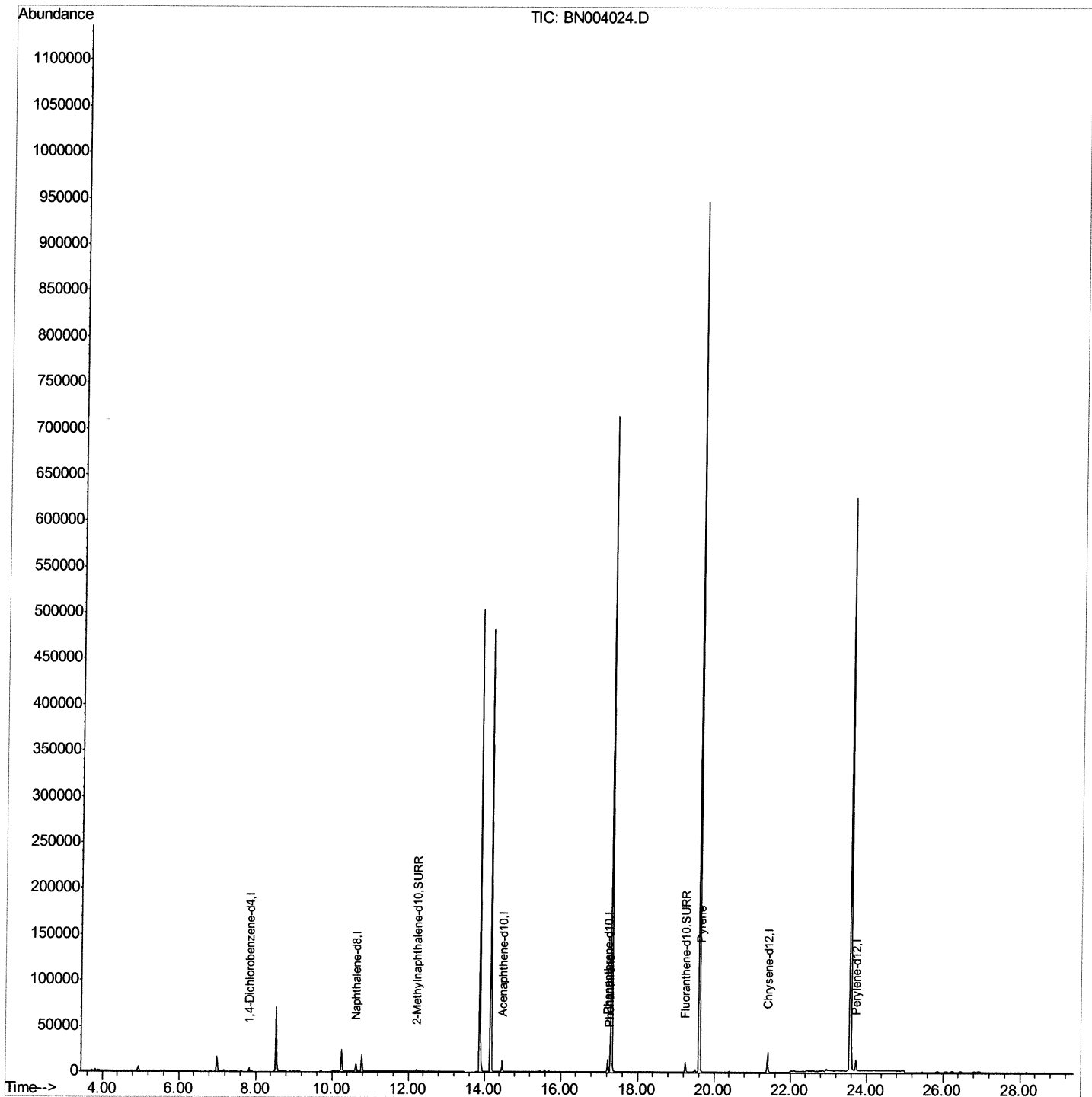
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121618\
Data File : BN004024.D
Acq On : 17 Dec 2018 08:21
Operator : JU/SJ
Sample : J6229-19
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E72

Manual Integrations
APPROVED

Sohil
12/17/2018 4:28:52 PM

Quant Time: Dec 17 13:15:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 17 06:22:23 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

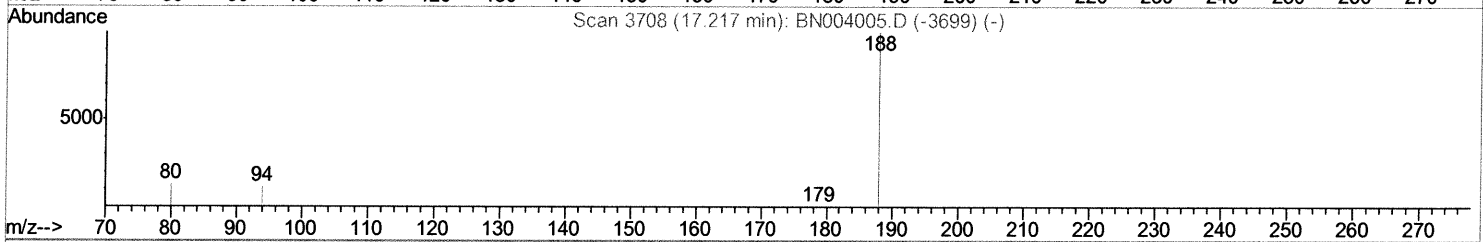
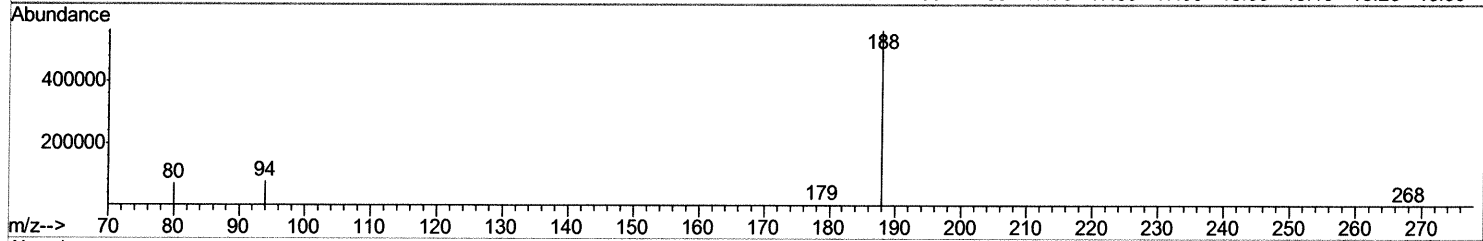
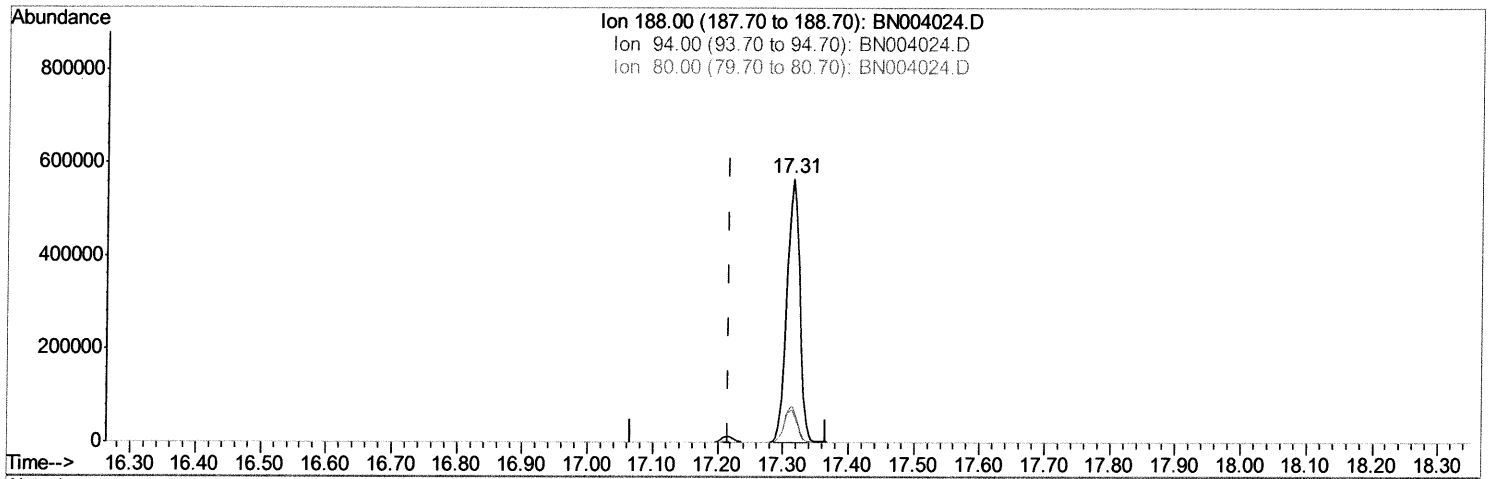
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121618\
 Data File : BN004024.D
 Acq On : 17 Dec 2018 08:21
 Operator : JU/SJ
 Sample : J6229-19
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Instrument :
 BNA_N
 ClientSampleId :
 F9E72

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:28:52 PM

Quant Time: Dec 17 13:12:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 17 06:22:23 2018
 Response via : Initial Calibration



TIC: BN004024.D

(10) Phenanthrene-d10 (I)

17.314min (+0.097) 0.40ng/ul

response 772406

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	13.53#
80.00	11.60	12.17
0.00	0.00	0.00

Quantitation Report (Qedit)

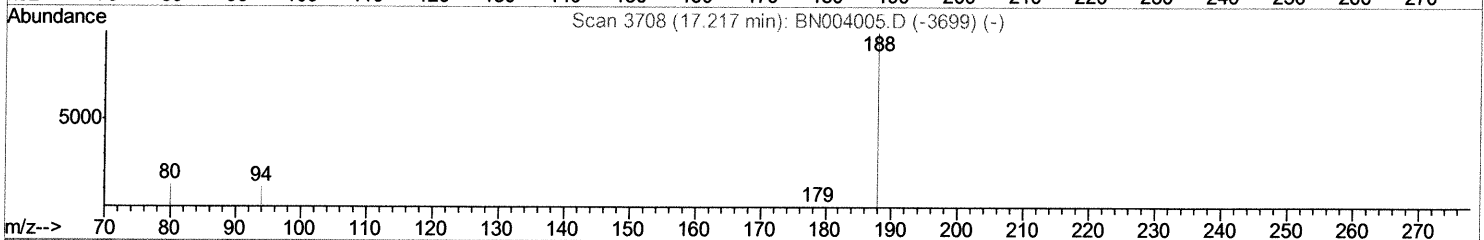
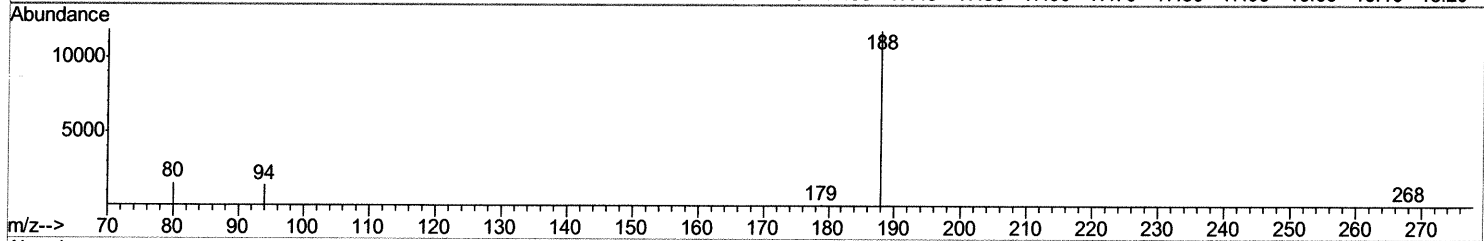
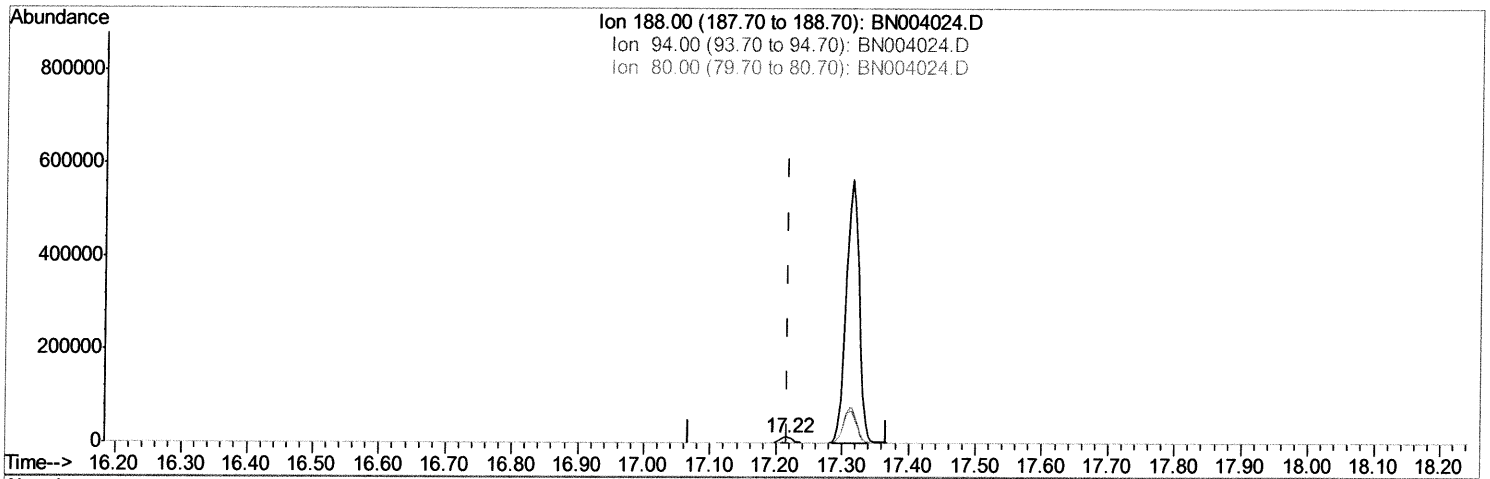
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121618\
 Data File : BN004024.D
 Acq On : 17 Dec 2018 08:21
 Operator : JU/SJ
 Sample : J6229-19
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 F9E72

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:28:52 PM

Quant Time: Dec 17 13:12:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 17 06:22:23 2018
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TIC: BN004024.D

(10) Phenanthrene-d10 (I)

17.217min (-0.000) 0.40ng/ul m

response 16822

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	11.82
80.00	11.60	12.95
0.00	0.00	0.00

> SJ
 12/17/18

Quantitation Report (Qedit)

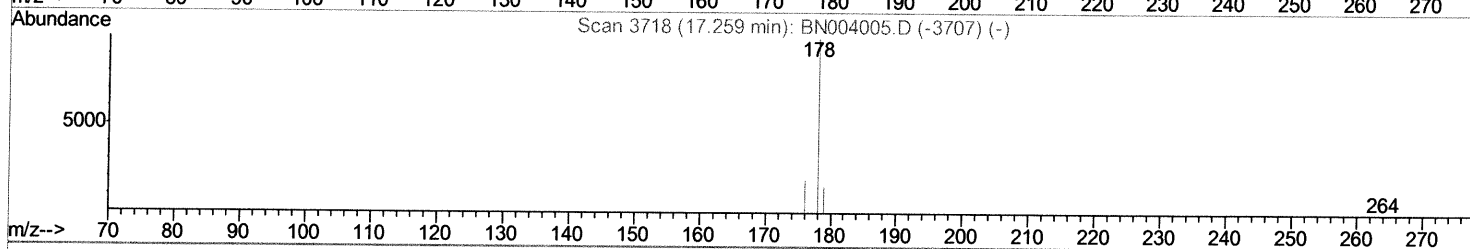
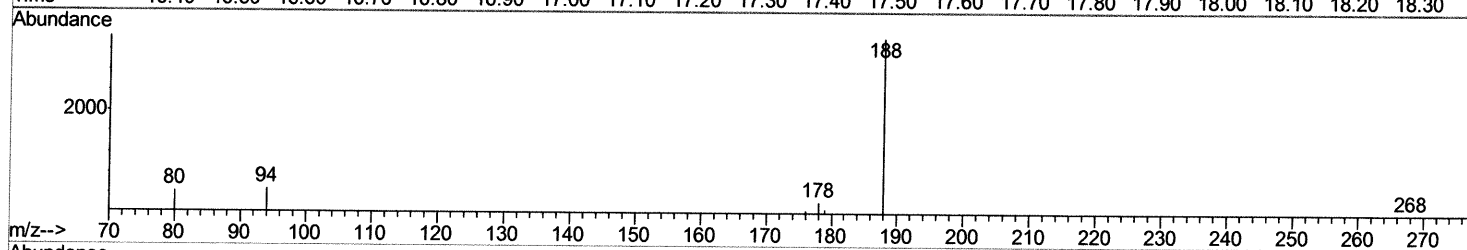
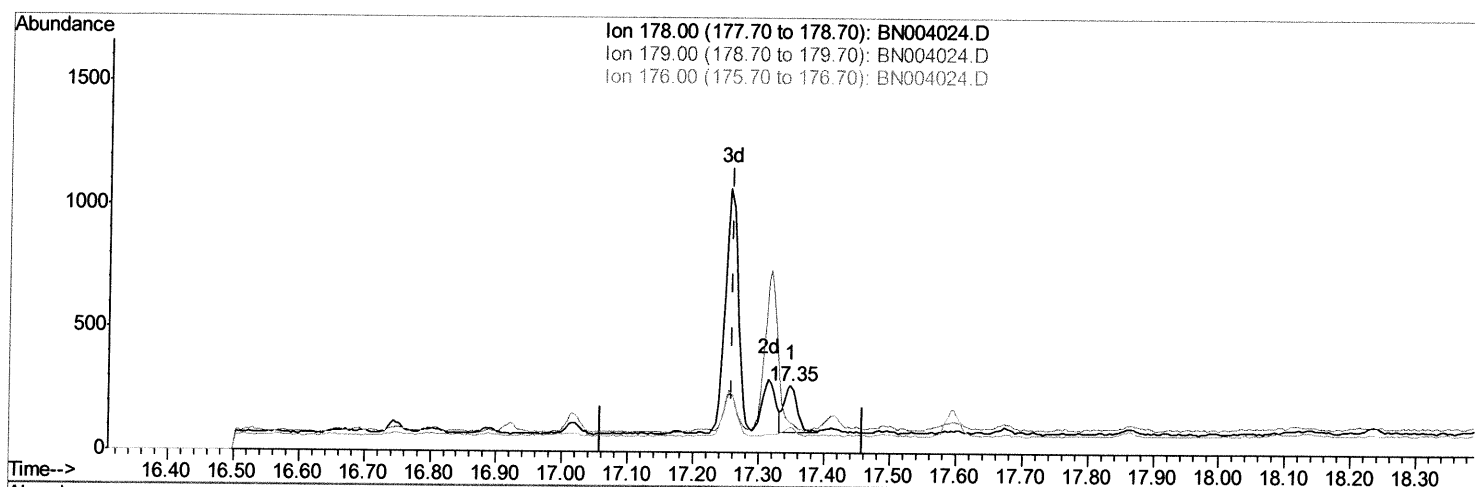
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121618\
Data File : BN004024.D
Acq On : 17 Dec 2018 08:21
Operator : JU/SJ
Sample : J6229-19
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E72

Manual Integrations
APPROVED

Sohil
12/17/2018 4:28:52 PM

Quant Time: Dec 17 13:13:26 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 17 06:22:23 2018
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TIC: BN004024.D

(12) Phenanthrene

17.348min (+0.089) 0.00ng/ul

response 270

Ion	Exp%	Act%
178.00	100	100
179.00	15.60	44.49#
176.00	18.70	37.50#
0.00	0.00	0.00

Quantitation Report (Qedit)

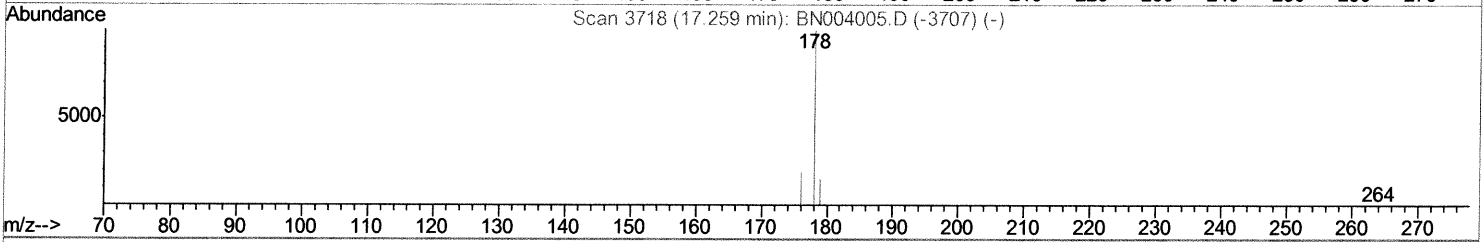
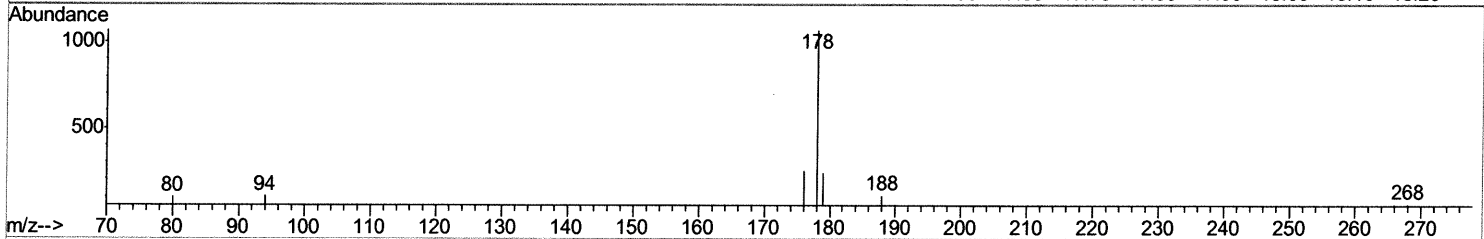
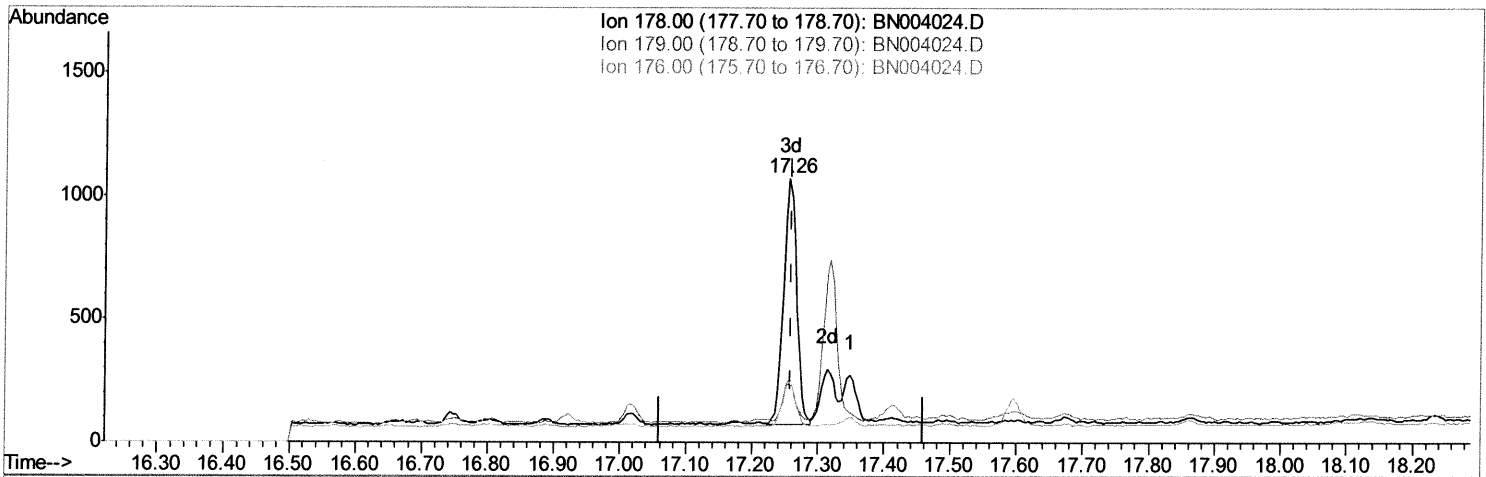
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121618\
 Data File : BN004024.D
 Acq On : 17 Dec 2018 08:21
 Operator : JU/SJ
 Sample : J6229-19
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9E72

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:28:52 PM

Quant Time: Dec 17 13:13:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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(12) Phenanthrene

17.255min (-0.004) 0.03ng/ul m

response 1388

Ion Exp% Act%

178.00 100 100

179.00 15.60 22.41#

176.00 18.70 23.62#

0.00 0.00 0.00

> SJ
 12/17/18

Quantitation Report (Qedit)

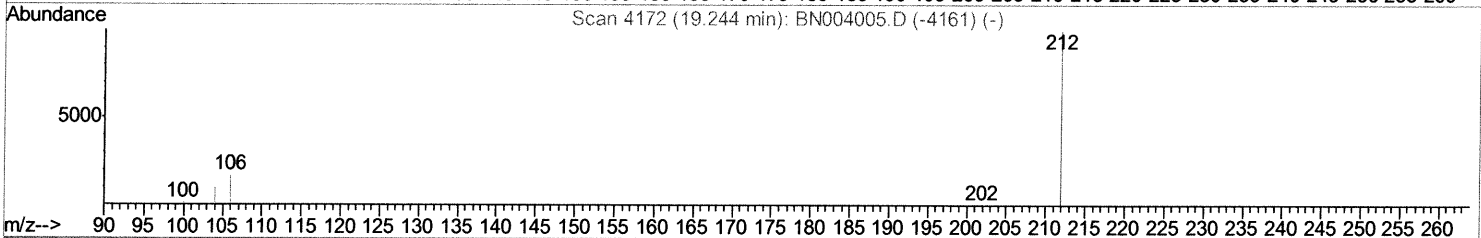
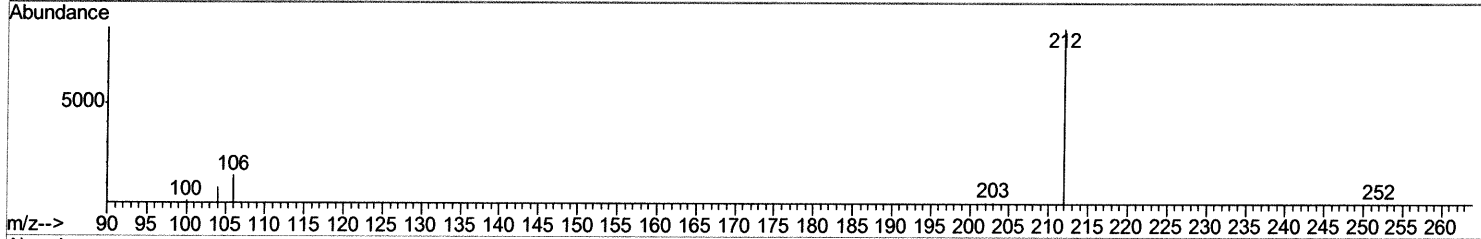
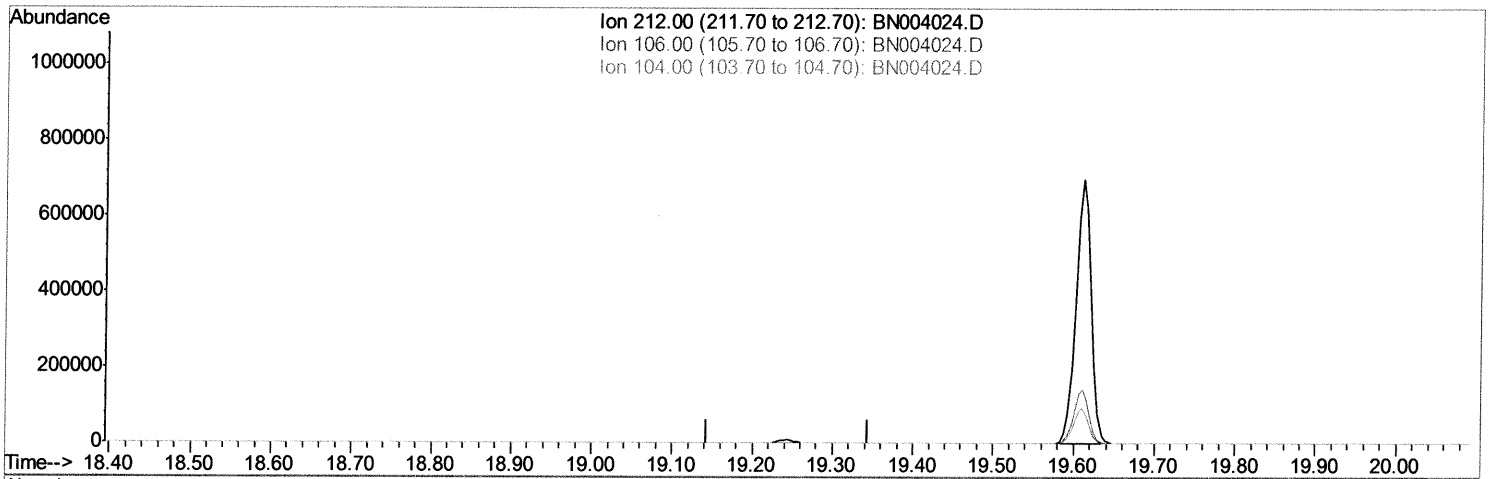
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121618\
 Data File : BN004024.D
 Acq On : 17 Dec 2018 08:21
 Operator : JU/SJ
 Sample : J6229-19
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9E72

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:28:52 PM

Quant Time: Dec 17 13:13:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 17 06:22:23 2018
 Response via : Initial Calibration



TIC: BN004024.D

(14) Fluoranthene-d10 (SURRE)

19.244min (-19.244) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	14.20	0.00#
104.00	8.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

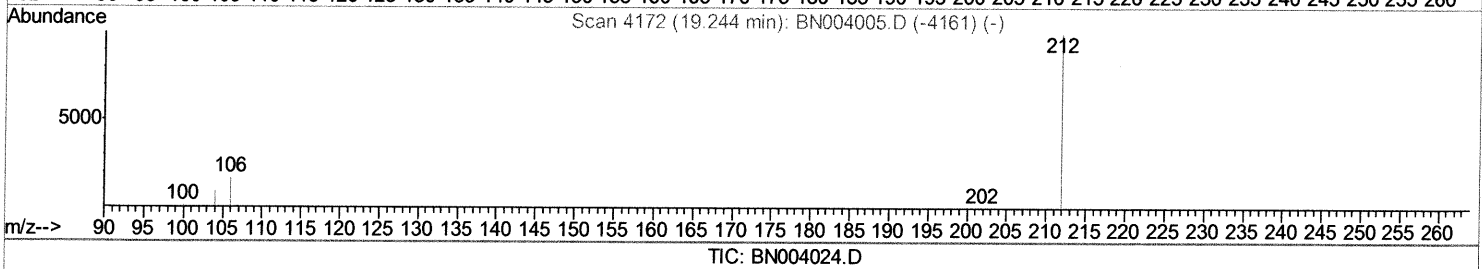
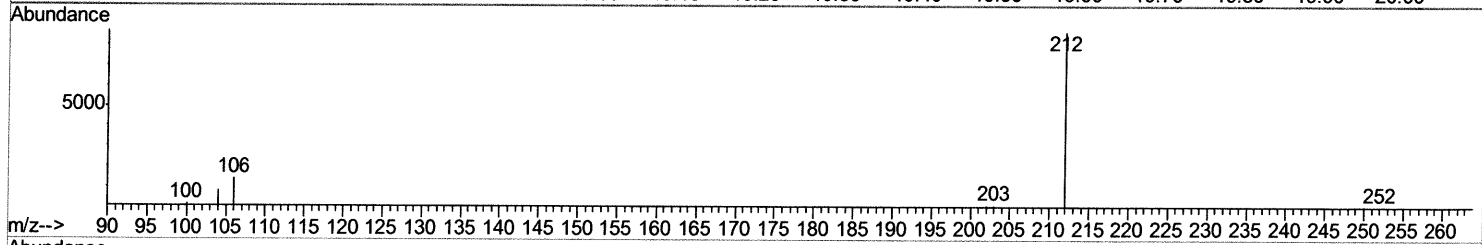
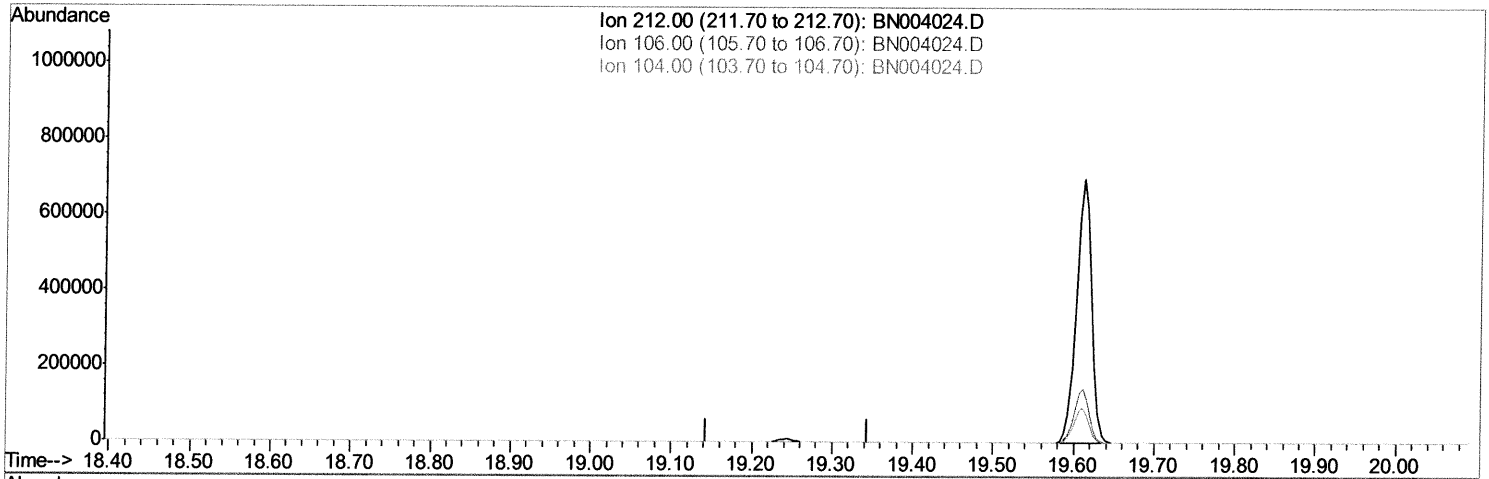
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121618\
 Data File : BN004024.D
 Acq On : 17 Dec 2018 08:21
 Operator : JU/SJ
 Sample : J6229-19
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9E72

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:28:52 PM

Quant Time: Dec 17 13:13:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 17 06:22:23 2018
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURRE)

19.244min (-19.244) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	14.20	0.00#
104.00	8.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

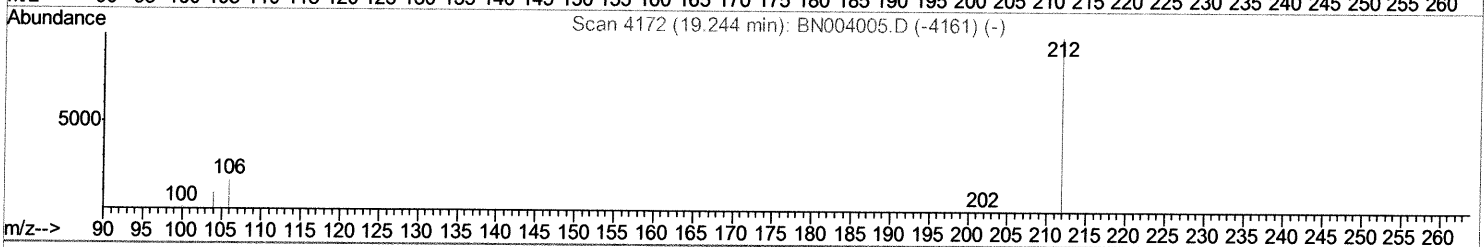
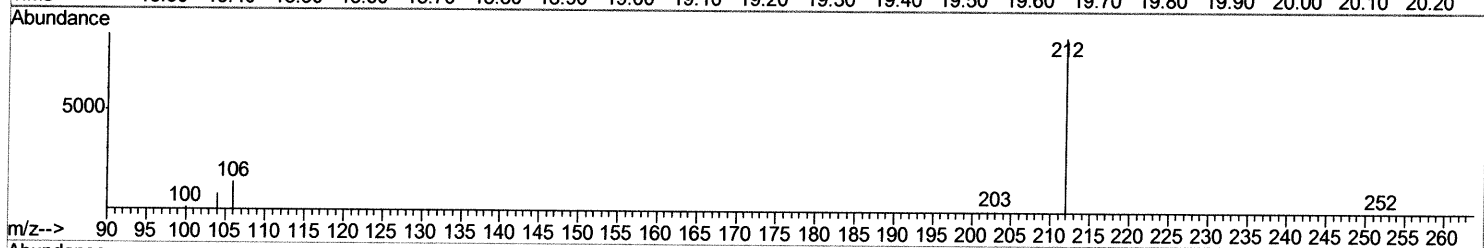
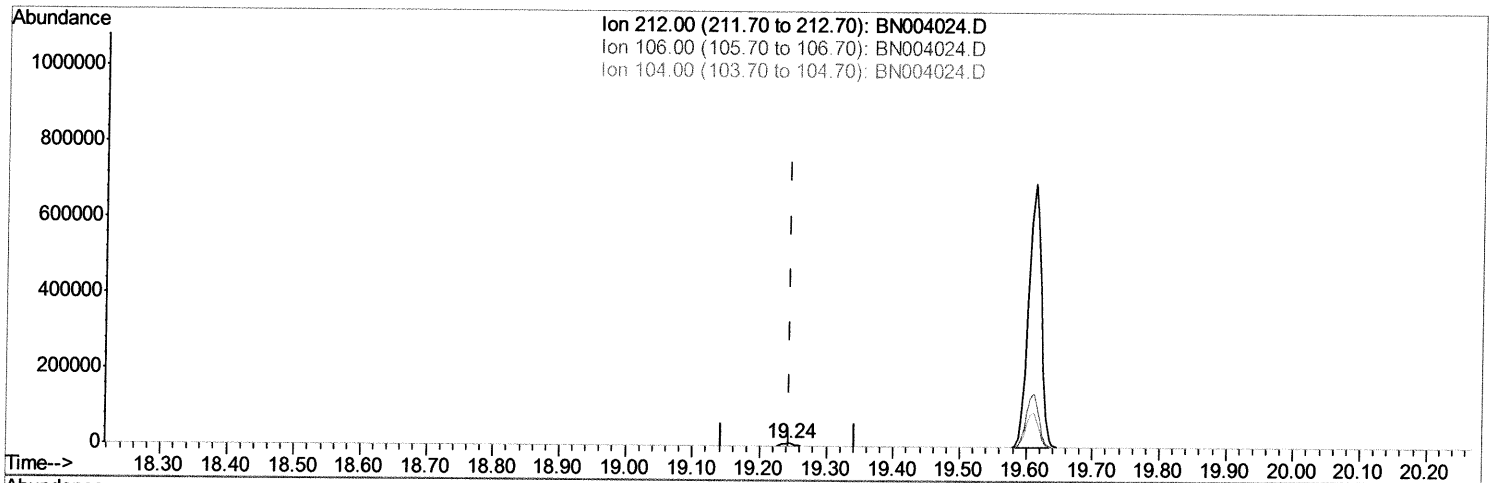
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121618\
 Data File : BN004024.D
 Acq On : 17 Dec 2018 08:21
 Operator : JU/SJ
 Sample : J6229-19
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9E72

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:28:52 PM

Quant Time: Dec 17 13:13:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration



TIC: BN004024.D

(14) Fluoranthene-d10 (SURR)

19.244min (-0.000) 0.24ng/ul m

response 11729

Ion	Exp%	Act%
212.00	100	100
106.00	14.20	0.00#
104.00	8.00	0.00#
0.00	0.00	0.00

> SJ
 12117118

Quantitation Report (Qedit)

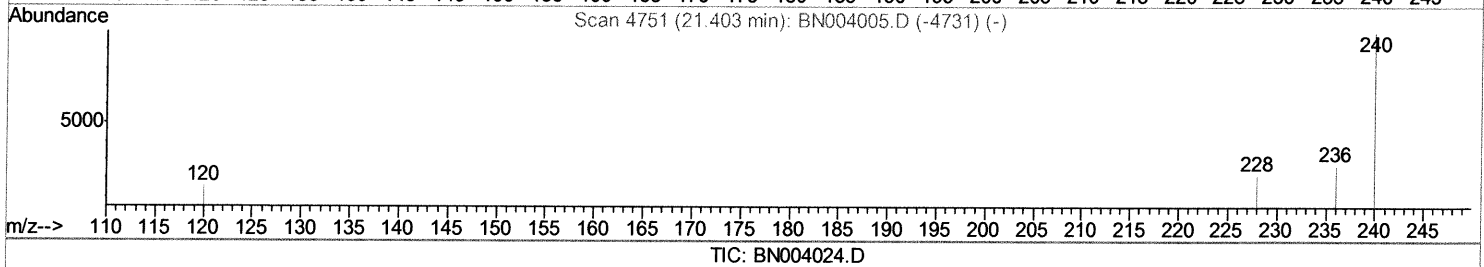
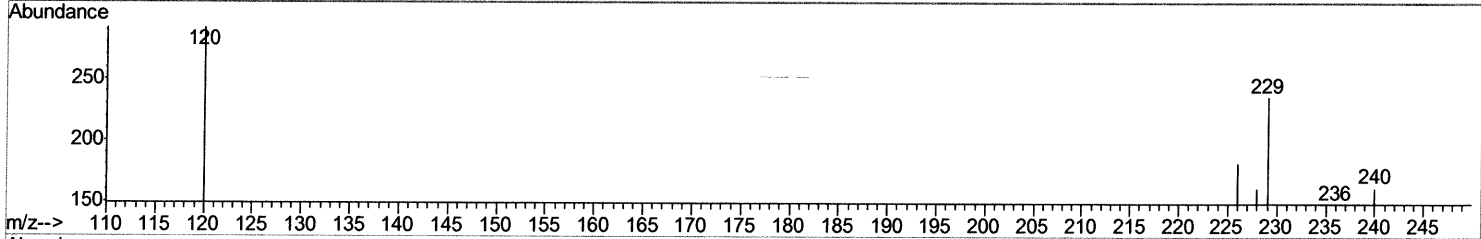
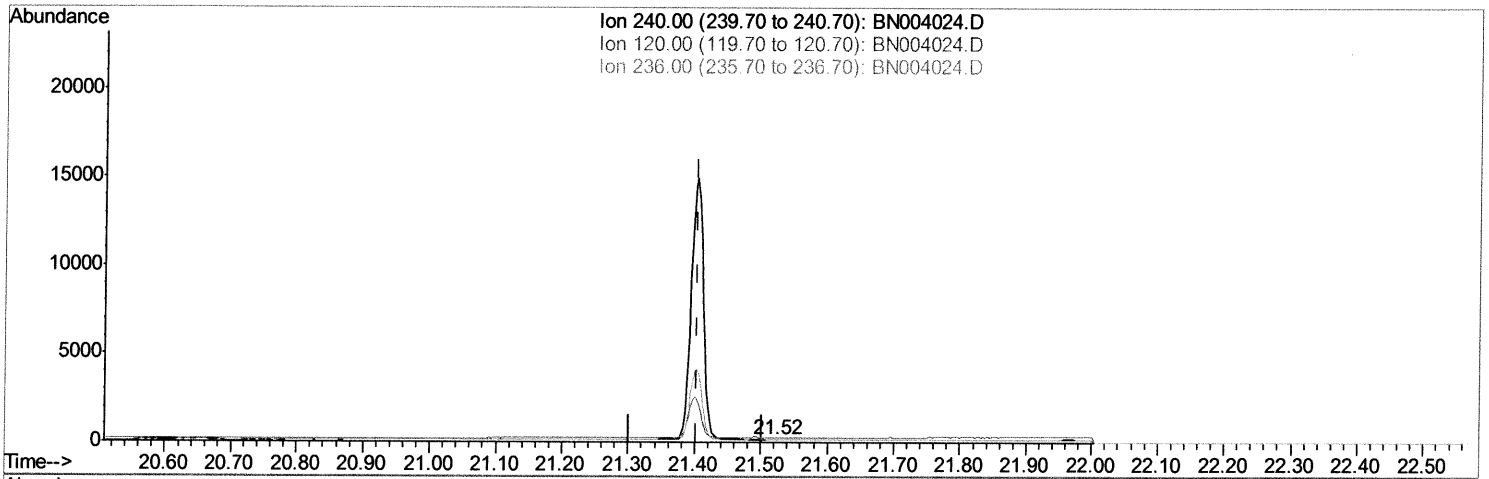
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121618\
 Data File : BN004024.D
 Acq On : 17 Dec 2018 08:21
 Operator : JU/SJ
 Sample : J6229-19
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9E72

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:28:52 PM

Quant Time: Dec 17 13:13:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 17 06:22:23 2018
 Response via : Initial Calibration



TIC: BN004024.D

(16) Chrysene-d12 (I)

21.522min (+0.120) 0.40ng/ul

response 42

Ion	Exp%	Act%
240.00	100	100
120.00	14.00	180.25#
236.00	27.60	91.98#
0.00	0.00	0.00

Quantitation Report (Qedit)

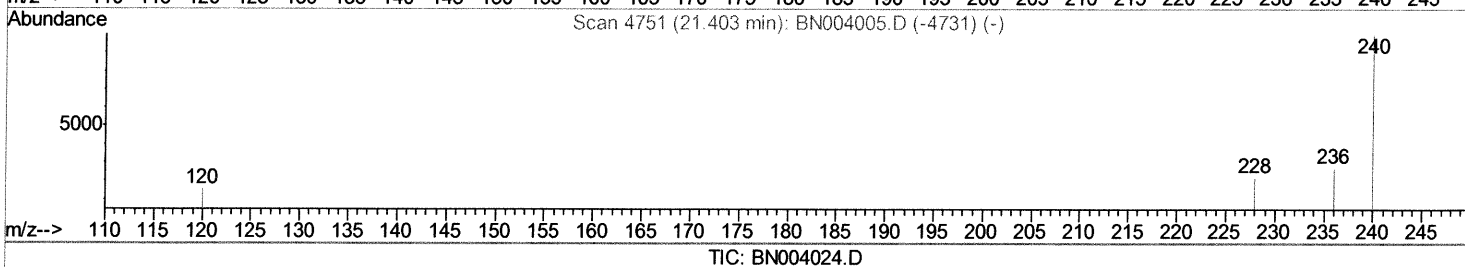
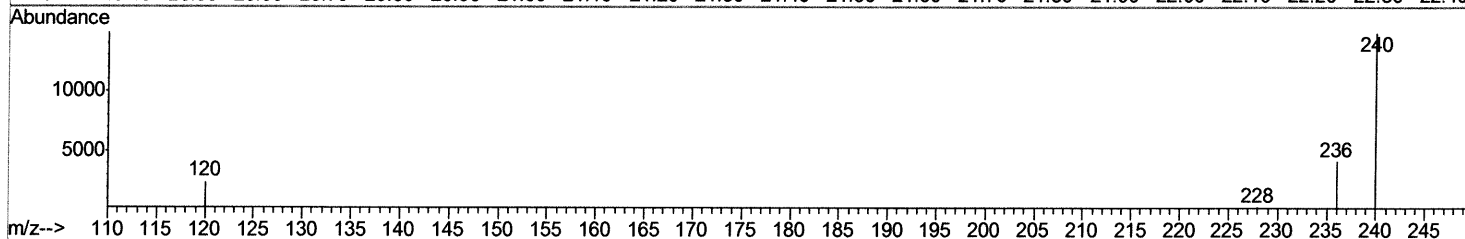
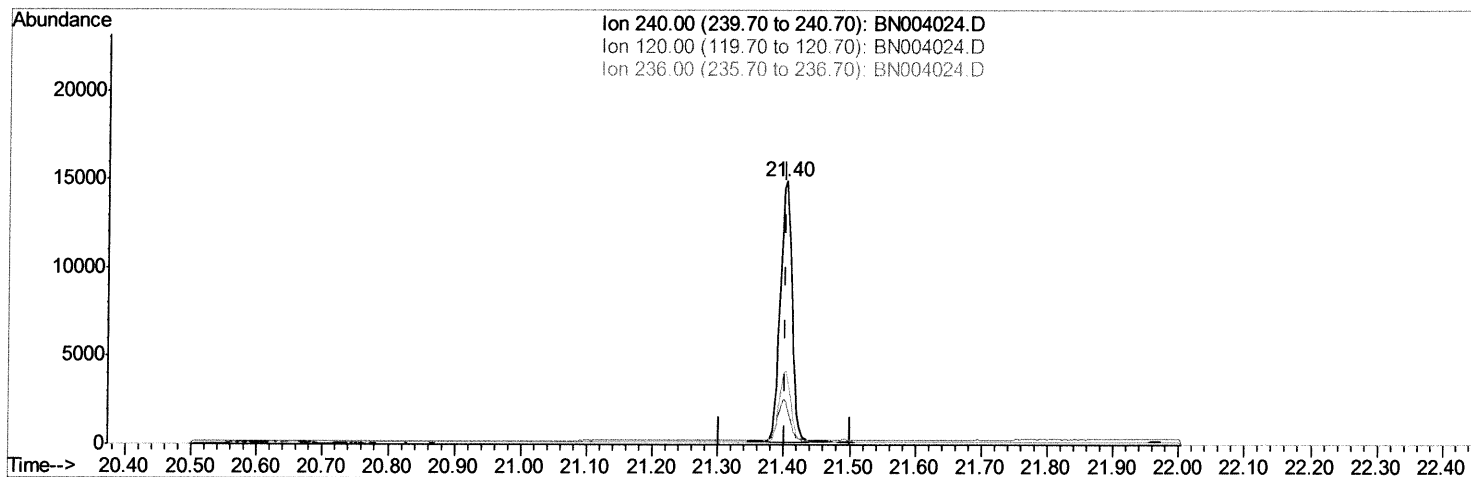
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121618\
 Data File : BN004024.D
 Acq On : 17 Dec 2018 08:21
 Operator : JU/SJ
 Sample : J6229-19
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9E72

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:28:52 PM

Quant Time: Dec 17 13:13:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 17 06:22:23 2018
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.403min (-0.000) 0.40ng/ul m

response 18661

Ion	Exp%	Act%
240.00	100	100
120.00	14.00	16.22
236.00	27.60	27.79
0.00	0.00	0.00

SJ
 12/17/18

Quantitation Report (Qedit)

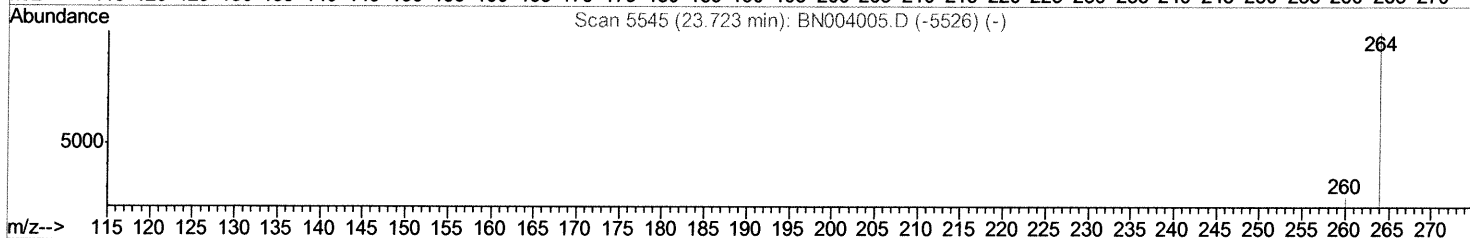
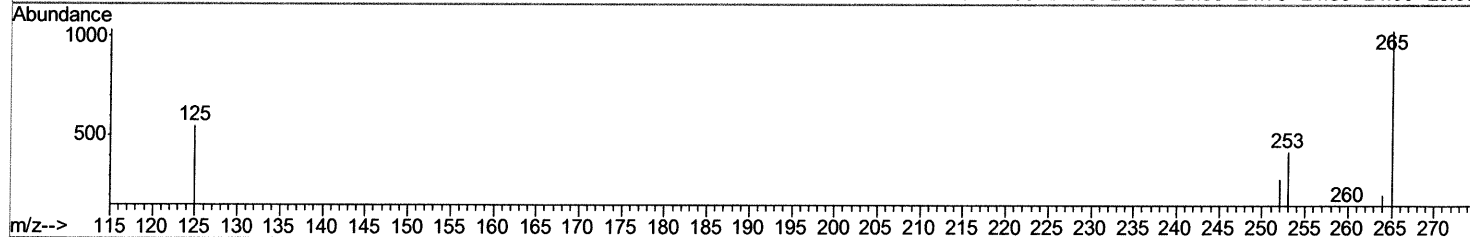
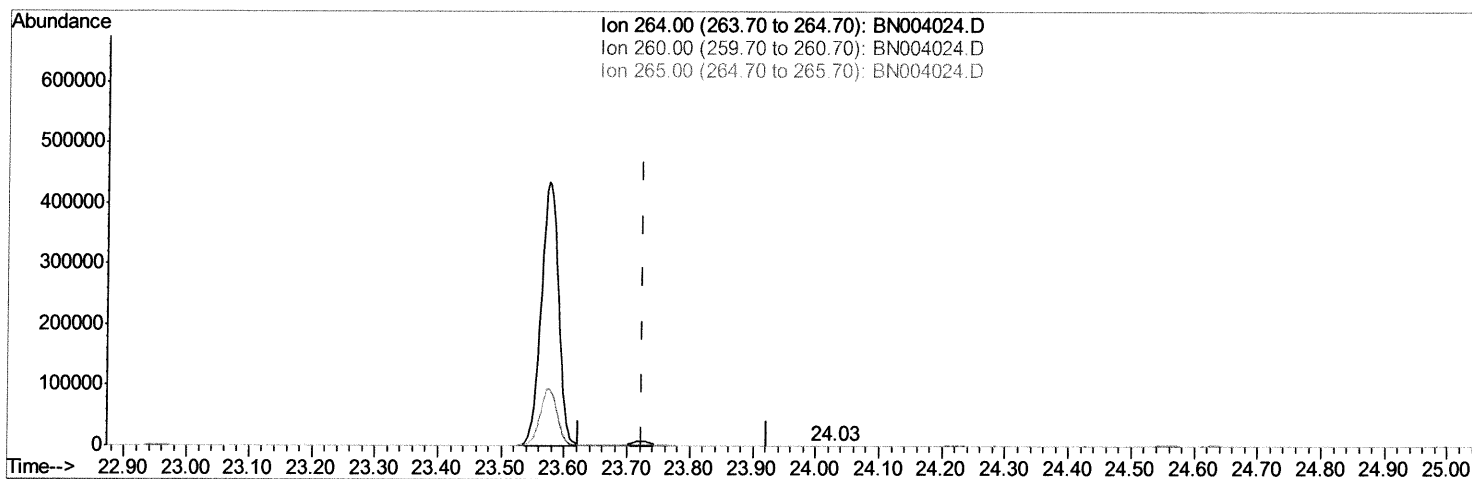
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121618\
 Data File : BN004024.D
 Acq On : 17 Dec 2018 08:21
 Operator : JU/SJ
 Sample : J6229-19
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9E72

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:28:52 PM

Quant Time: Dec 17 13:15:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 17 06:22:23 2018
 Response via : Initial Calibration



TIC: BN004024.D

(20) Perylene-d12 (I)

24.027min (+0.304) 0.40ng/ul

response 15

Ion	Exp%	Act%
264.00	100	100
260.00	26.20	74.63#
265.00	33.50	502.93#
0.00	0.00	0.00

Quantitation Report (Qedit)

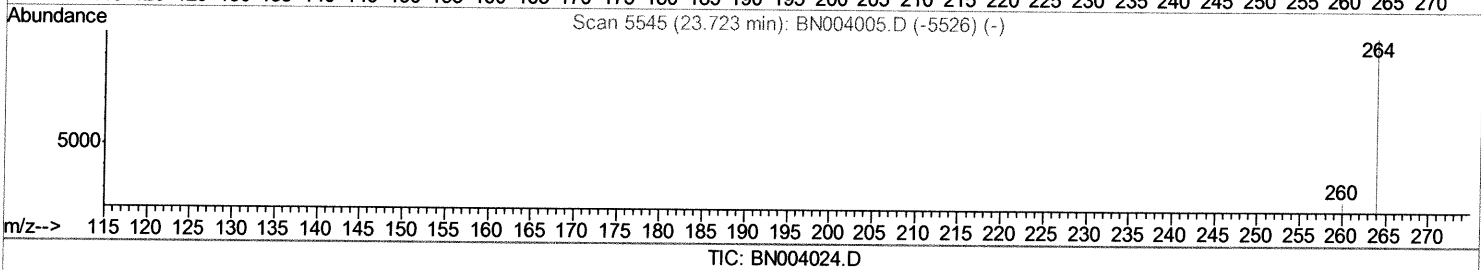
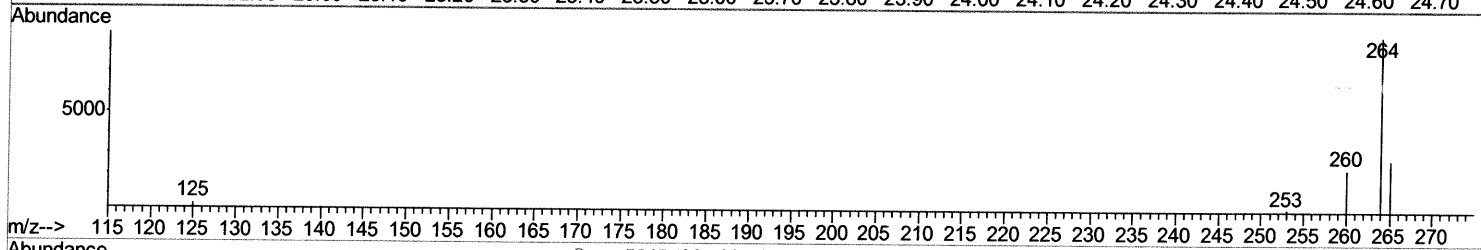
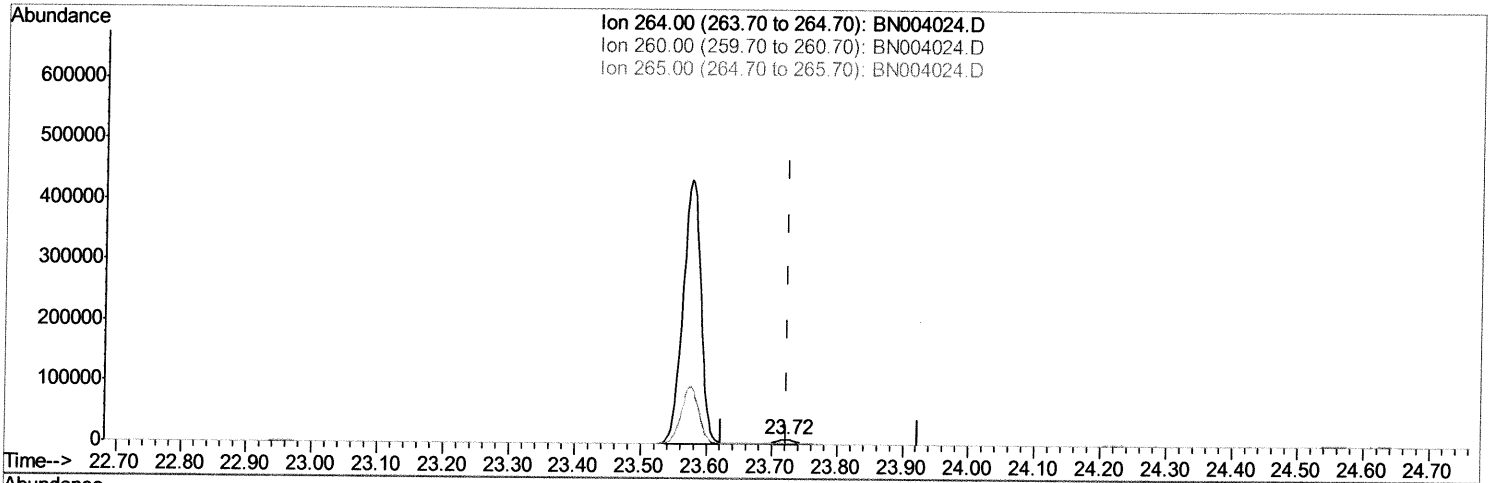
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121618\
 Data File : BN004024.D
 Acq On : 17 Dec 2018 08:21
 Operator : JU/SJ
 Sample : J6229-19
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 F9E72

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:28:52 PM

Quant Time: Dec 17 13:15:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration



TIC: BN004024.D

(20) Perylene-d12 (I)

23.723min (-0.000) 0.40ng/ul m

response 15665

Ion	Exp%	Act%
264.00	100	100
260.00	26.20	26.85
265.00	33.50	32.02
0.00	0.00	0.00

> SJ
 12/17/18

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121618\
 Data File : BN004024.D
 Acq On : 17 Dec 2018 08:21
 Operator : JU/SJ
 Sample : J6229-19
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 ALS Vial : 37 Sample Multiplier: 1

Instrument :
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 F9E72

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:28:52 PM

Quant Time: Dec 17 13:15:44 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Dec 17 06:22:23 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	2202	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	10978	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	6662	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	16822m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	18661m	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	15665m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	3713	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	11729m	0.24	ng/ul	0.00
Target Compounds						
12) Phenanthrene	17.26	178	1388m	0.025	ng/ul	Qvalue 83
17) Pyrene	19.64	202	1843	0.028	ng/ul#	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

SJ
 12/17/18